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SUBJECT: THOUGHTS ON THE U-2 - BOTH C AND R MODELS

INTRODUCTION:

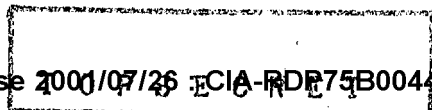
1. THERE ARE AT PRESENT 3 MAIN METHODS OF OBTAINING STRATEGIC AERIAL RECONNAISSANCE FOR THE US GOVERNMENT. THESE ARE FROM SATELLITES, SR-71'S AND U-2'S. THEY HAVE THE FOLLOWING CHARACTERISTICS:

A. SATELLITES:

(1) INFLEXIBILITY. THEIR ORBIT IS ESSENTIALLY FIXED SO THAT THEY ONLY COVER TARGET AREAS AT CERTAIN TIMES DURING WHICH THE TARGET COULD BE HIDDEN ON PURPOSE, OR COVERED BY WEATHER, AND COURSES NEED BE CALCULATED WEEKS IN ADVANCE.

(2) COST - EXHORBITANT. (CONGRESS HAS RECENTLY SLASHED SPACE FUNDS)

(3) READILY DETECTED AND PRESENTLY IMMUNE TO INTERCEPTION DESTRUCTION, AND POLITICAL RESTRICTIONS.



GROUP 1
EXCLUDED FROM AUTO-
MATIC DOWNGRADING

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B. SR-71 SERIES:

(1) FLEXIBLE TO A DEGREE. REQUIRE EXTENSIVE SUPPORT AND AIR-REFUELING. COVERT OR EVEN SECRET OPERATIONS DIFFICULT DUE TO EXTENSIVE SUPPORT REQUIRED; TANKERS, SOPHISTICATED BASE (BIG BASE WITH LOTS OF PEOPLE, LOTS OF EYES, EARS), SONIC BOOM TRAIL. EXPENSIVE IN TERMS OF RESOURCES. REQUIRES LONG LEAD TIME TO SET UP DEPLOYMENT AND OPERATING BASE. MOST TARGET AREAS ARE LONG DISTANCE FROM US, THEREFORE QUESTION OF DISTANCE/FLIGHT TIME/RELIABILITY. LARGE TURNING RADIUS AT SPEED.

(2) CAN BE DETECTED BY RADAR. PRESENTLY RELATIVELY IMMUNE TO INTERCEPTION AND DESTRUCTION. LEAVES SONIC BOOM TRAIL ADVERTISING ROUTE, WHICH WILL CAUSE THE UNWITTING TO BECOME KNOWLEDGEABLE SOONER OR LATER, RESULTING IN ADVERSE POLITICAL REACTIONS.

C. U-2 SERIES:

(1) FLEXIBLE; CAN OPERATE OUT OF RUNWAYS ALL OVER THE WORLD. REQUIRES FAIRLY EXTENSIVE SUPPORT FOR LONG TERM OPERATIONS BUT LITTLE FOR "QUICK AND DIRTY" OPERATIONS. CAN BE BROUGHT TO READINESS AT SECUR BASE, FERRIED TO OPERATING AREA, LEAP FROGGED, LAUNCHED FOR MISSION, RECOVERED, AND FERRIED BACK TO HOME BASE WITH MINIMUM OF SUPPORT. DOES NOT LEAVE SONIC TRAIL OF FLIGHT PLAN. CAN MAKE TIGHT TURNS AT ALTITUDE SO THAT TARGETS CAN BE COVERED FROM SEVERAL DIRECTIONS AND DISTANCES ON SAME FLIGHT. CAN EASILY STAY WITHIN POLITICAL BOUNDARIES OF SMALL COUNTRIES OR SMALL INTERNATIONAL AREAS. MISSION LEAD TIME ANYWHERE IN THE WORLD IS ABOUT 4 DAYS; FROM FORWARD BASE LESS THAN 24 HOURS. ONLY

CAN

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[REDACTED] BIG ADVANTAGE AND DISADVANTAGE
IS 1960 NOTORIETY. DISADVANTAGE OBVIOUS. CAN BE DESTROYED UNLESS
PROTECTED BY GOOD DEFENSIVE SYSTEMS AND GOOD ROUTE PLANNING.
ADVANTAGE - PUBLIC CAN BE TOLD THAT IT IS NO LONGER RELIABLE AS
ANY MISSILE, ETC., CAN SHOOT IT DOWN. THEREFORE UNLIKELY TO BE
USED FOR "EVIL" PURPOSES.

(2) COST - LOW ON A COMPARATIVE BASIS.

(3) CAN BE DETECTED BY RADAR. HOWEVER [REDACTED] 25X1A
HAVE PROVED SURVIVABILITY WITH GOOD INTELLIGENCE AND PLANNING.
IDEAL FOR SURVEILLANCE OF LOW ORDER OF DEFENSE COUNTRIES PERIPHERAL
INTELLIGENCE FROM ANY COUNTRY.

(4) POLITICALLY BAD. ANY SHREWD POLITICIAN WHO (AT
PRESENT) DOES NOT DESIRE ITS EMPLOYMENT, OR ANY REPORTER WHO WISHES
TO GAIN NOTORIETY CAN NEGATE ITS ACTIVE UTILIZATION BY MERELY
PROVIDING A HEADLINE SEEKING PRESS WITH UNFOUNDED ACCUSATIONS OF
ITS USE - WITNESS THE LAST SUEZ CRISIS.

INTERIM CONCLUSION:

2. THE U-2 HAS A USEFUL LIFE AHEAD OF IT IN THE ROLE OF STRA-
TEGIC/TACTICAL RECONNAISSANCE. IT BADLY NEEDS PUBLIC ACCEPTANCE
TO LET IT OPERATE.

PROBLEM:

3. HOW TO MAKE THE U-2 LESS OF A "BAD GUY" IN WORLD POLITICS
AND PUBLIC OPINION, THUS ENABLING IT TO FLY WORLD-WIDE AGAIN -
AT WILL, AND WITHOUT UNDUE ADVERSE NOTORIETY.

SOLUTION:

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4. ADVERTISE THAT THE U-2 IS A "HAS BEEN" AS A RECONNAISSANCE AIRCRAFT. HOWEVER, SUGGEST THAT IS HAS A USEFUL ROLE FOR CIVILIAN AND MILITARY RESEARCH PROJECTS. IN FACT SO USEFUL THAT THE US IS BUYING MORE. INDEED IT CAN BE BUILT CHEAPER THAN ANY OTHER AIRCRAFT TO PERFORM THE COVER MISSION. THE RECENT VISIT BY SYSTEMS COMMAND

25X1A [REDACTED]
25X1A [REDACTED] HAS SHOWN THAT WITH PROPER PRESS HANDLING THE U-2 CAN GAIN PUBLIC ACCEPTANCE AND FUNCTION WITHOUT RESTRICTION.

5. THIS LINE OF PUBLICITY COULD BE EXPLOITED WITH ADVANTAGE TO ALLOW [REDACTED] AIRCRAFT TO OPERATE WORLD WIDE IN A SIMILAR MANNER BY:

A. PAYING A "REALLY GOOD" PUBLIC RELATIONS FIRM TO HANDLE PROJECT U-2 PUBLICITY. (A ONE YEAR ACCOUNT WITH A PR FIRM WOULD PROBABLY COST FAR LESS THAN OPERATING OTHER RECONNAISSANCE SYSTEMS FOR ONE MISSION OR ONE ORBIT).

B. EMPLOYING THE RAND CORPORATION OR OTHER "THINK FACTORIES" TO CONCEIVE PLAUSIBLE NON-RECONNAISSANCE USES FOR THE U-2 TO COVER THE TRUE RECONNAISSANCE FLIGHT IN THE SAME GENERAL AREA OF OPERATION.

C. APPROPRIATE PRESS RELEASES RESULTING FROM ABOVE.
THOUGHTS ON U-2 COVER STORIES:

6. A. IT IS ESSENTIAL THAT THE U-2 BE GIVEN A POPULAR NAME TO TAKE AWAY THE IMAGE CREATED BY THE CONNOTATION "U-2". WE SUGGEST AN EXAMPLE, THE FAMILIAR LOCKHEED ANGEL - SO THAT THE PRESS (WITH PR ASSISTANCE) CAN INDEED DUB IT THE "HOMESICK ANGEL". A FEW SPIRAL TAKEOFFS AT AIR SHOWS WOULD SOON BRING PUBLIC ACCLAIM FOR THIS NAME. "ANGEL" MAY SOUND A LITTLE "CORNEY" AT FIRST BUT IT

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DOES GIVE THE IMPRESSION OF OPERATING AT GREAT HEIGHTS AND DOING GOOD DEEDS. (THIS MEANING WILL REMAIN WHEN TRANSLATED INTO FOREIGN TONGUES AS MOST NATIONS ARE FAMILIAR WITH RELIGIOUS CONCEPT OF AN ANGEL.)

B. ANOTHER THOUGHT; IT COULD BE PROVIDED A NICKNAME THAT CONOTES ASSOCIATION WITH THE UN. CORNY AS IT MAY SOUND THE U-2R WOULD SOUND BETTER TO A WORLD PRESS. IT IS WAS CALLED THE UN-2.

7. SUGGESTIONS FOR BONA-FIDE USES:

ROLE

QUESTIONS AND ANSWERS

CLEAR AIR TURBULENCE RESEARCH

WHY? KNOWLEDGE NEEDED FOR INTRODUCTION OF SST. WHY U-2? CHEAP TO OPERATE AS SST HEIGHTS; ONLY A/C THAT CAN REACH THESE HEIGHTS ARE SR-71 AND FIGHTERS ON ZOOM MANEUVERS. WHY BLACK PAINT? TO ABSORB HEAT TO WARM FUEL AND STOP IT FROM FREEZING, ETC. WHY SUCH AND SUCH AN AREA? PROPOSED SST ROUTE OF THE FUTURE.

MAPPING

WHY? BIG VIEW FROM HEIGHT. NO WINDS SO NAVIGATION MORE ACCURATE.

ANTI-SUBMARINE IR TESTS

WHY? BIG VIEW, RANGE, ENDURANCE.

CAN OPERATE FROM SHIPS. CONSISTANT

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CHECKING WORLD-WIDE NAVAIDS
SUCH AS LORAN AND SATELLITE
NETWORKS

PROTECTION OF PUBLIC.

WHY? CHEAP TO OPERATE. HIGH
ALTITUDE GIVES GOOD COVERAGE FOR
LINE OF SIGHT FREQUENCIES. WHY SO
HIGH? CHECKING FOR SST INTRODUCT-
ION. WHY THIS AREA? PART OF WORLD-
WIDE NETWORK.

NASA RESEARCH

WHY? SATELLITE TRACKING, LIGHT WAVE
AND MAGNETIC FIELD INVESTIGATION.

ALL OF THE ABOVE CAN EASILY AND CHEAPLY BE BACKED UP BY A MINIMUM OF
WORK IN DEVELOPING FALSE HATCHES, ANTENNAS, ETC., TO CREATE AN
ATMOSPHERE OF CREDIBILITY WHEN THE AIRCRAFT IS VISIBLE TO THE
UNWITTING.

BASIC CONCLUSION:

8. THE PRESENT U-2 PROJECT IS BACKED INTO A CORNER POLITICALLY,
BE ADVERSE WORLD OPINION, WHICH UNFORTUNATELY WORRIES OUR LEADERS BE-
CAUSE OF ITS INFLUENCE ON WORLD OPINION. (ALL OF US, IF PLACED IN
THEIR SHOES, WOULD BE RELUCTANT TO ACCEPT THE U-2 AS A RECONN-
AISSANCE TOOL.) A LARGE GROUP OF US, INCLUDING SOME USAF BUREAU-
CRATS ARE SEIZING UPON THESE FACTORS TO PLACE DISFAVOR ON THE U-2
IN ORDER TO ENHANCE THEIR PET PROJECTS. OF SOMEWHAT LESS SIGN-
IFICANCE, BUT NEVERTHELESS IMPORTANT, IT IS THAT ANYBODY WHO WISHES
TO LIMIT OR ELIMINATE U-2 UTILIZATION NOW MERELY NEEDS TO BREATHE
WISHFUL THINKING TO ANY ANTI-US PRESS AND ACHIEVE HEADLINES - ALONG
WITH ITS ATTENDANT IMPACT ON WORLD LEADERS - ALL EVENTUALLY RE-
SULTING IN EFFECTIVELY NEGATING THE USEFULNESS OF THE U-2 (R OR C).

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9. THE U-2 CAPABILITY IS VIABLE AND USEFUL - IT NEEDS AIR TO BREATHE IN ORDER TO BE USEFUL AND FULFILL ITS MISSION. WE BELIEVE THIS IS POSSIBLE PROVIDING IT HAS A COVER ROLE - A COVER ROLE THAT IS PLAUSIBLE, A COVER ROLE THAT IS ACCEPTED, ONE WHICH, WHEN WE ENGAGE SOLELY IN THE COVER ACTIVITY WE ARE FULFILLING A USEFUL AND REWARDING FUNCTION FOR RESEARCH, CARTOGRAPHIC, OR HUMANE PURPOSES, A ROLE THAT WILL ALLOW US TO APPEAR ON A WORLD WIDE BASIS WITHOUT UNDUE SPECULATION. ONCE THIS ROLE IS ACCEPTED, AND WE HAVE VALID REASONS FOR EXISTENCE OTHER THAN SPY, THEN WE CAN, WITH CAREFUL AND IMAGINATIVE PLANNING, PERFORM EXTRA-CURRICULAR ACTIVITIES, I.E., OUR TRUE MISSION, ALMOST AT WILL - IF WE ARE PROTECTED WITH WELL CONCEIVED IMAGINATIVE PRESS SUPPORT ON A CONTINUING BASIS.

RECOMMENDATIONS:

10. THAT HEADQUARTERS REVIEW THIS PAPER AND HOPEFULLY ACCEPT SOME OF THE THOUGHTS PUT FORTH IN THIS DOCUMENT AND ACT ACCORDINGLY.

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